

ABSTRACT OF THE DISCLOSURE

The present invention is directed to a transformation system for making transgenic organisms that includes a vector containing a modified *piggyBac* transposon into which is inserted an enhanced green fluorescent protein gene linked to a polyubiquitin promoter sequence and a nuclear localizing sequence; and a helper transposase vector that includes an *hsp70* promoter sequence upstream of the putative *piggyBac* promoter that increases the transformation frequency of this system.